PROJECT PLANNING PHASE

MILESTONE & ACTIVITY LIST

DATE	18 October 2022
TEAM ID	PNT2022TMID52484
PROJECT NAME	Fertilizers Recommendation system for disease prediction

Milestone:

An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant. Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases. Predicting the plant disease is an extremely challenging affair because of its dependance on factors such as crop genotype, environment, and other interactions. Here, the system has presented a deep learning module using CNN for crop yield prediction. DL technique help in the automatic detection of plant disease by considering visual symptoms in the plant. DL algorithm is an efficient algorithm which is an ensemble learning method for regression and classification techniques. This act will ultimately increase the welfare of the farmers and make them to produce a high yield of food resources.

Activity List:

In project planning phase is an important task to schedule and split up the phases as sprints to each member in a team. This phase provides various activities that are allocated and done by the team members.

Phrase 1: Information Collection and Requirement Analysis.
Phrase 2: Project Planning and Developing Modules.
Phrase 3: Implementing the High Accuracy Deep Learning Algorithm to Perform.
Phrase 4: Deploying the Model on Cloud and Testing the Model and UI

Inputs from End-Users, Customers, Teams and Other Stakeholders

Product Owner

Team

Features
1.
2.
3.
4.
5.
6.
7.
8.

Product Backlog

Plans how much work to commit for the Sprint

Sprint Planning Meeting

Tasks
1.
2.
3.
4.
5.

Sprint Backlog

Scrum Master

Scrum Meeting

Every 24 Hours

Product Backlog Refinement

Sprint
2-4 Week

No changes in duration or scope during the Sprint cycle

Review

Potentially Shippable Product Increment

Retrospective

Deploy

Test

Review

Agile Methodology

Develop

Plan

Design

Launch